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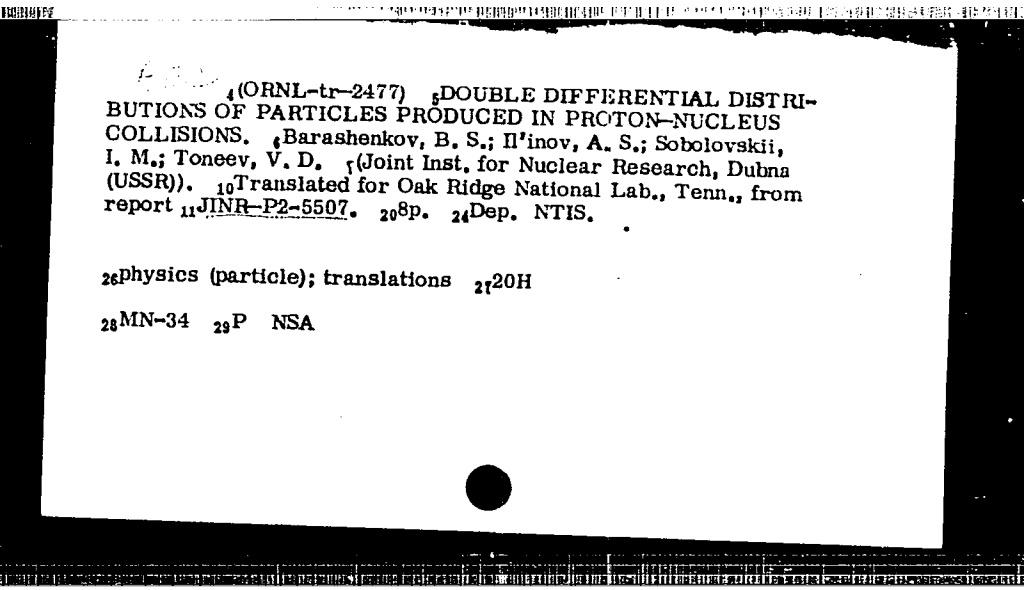

4(ORNL-tr-2477) 5DOUBLE DIFFERENTIAL DISTRIBUTIONS OF PARTICLES PRODUCED IN PROTON-NUCLEUS COLLISIONS. 6Barashenkov, B. S.; Il'inov, A. S.; Sobolovskii, I. M.; Toneev, V. D. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated for Oak Ridge National Lab., Tenn., from report 11JINR-P2-5507. 20 8p. 24Dep. NTIS.

26Physics (particle); translations 21 20H

28MN-34 29P NSA

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4(ORNL-tr-2520) 5CLASSIFICATION OF INELASTIC INTERACTIONS OF HIGH-ENERGY PROTONS AND NUCLEI. II. CHARACTERISTICS OF LOW-ENERGY NUCLEI. 7Barashenkov, V. S.; Il'inov, A. S.; Sobolevskii, N. M.; Toneev, V. D. 8(Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Theoretical Physics). 10Translated for Oak Ridge National Lab., Tenn., from report 11JINR-P2-5549. 15[72]26p. 24Dep. NTIS.

26physics (nuclear); translations 27[7]20H

28MN-34 29P NSA

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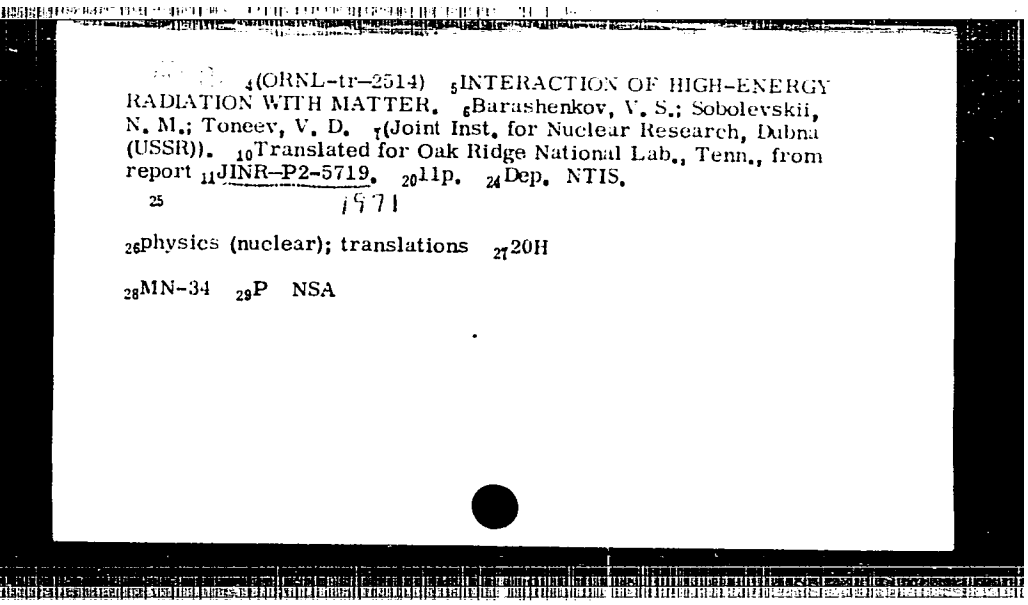

4(ORNL-tr-2514) 5INTERACTION OF HIGH-ENERGY RADIATION WITH MATTER. 6Barashenkov, V. S.; Sobolevskii, N. M.; Toneev, V. D. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated for Oak Ridge National Lab., Tenn., from report 11JINR-P2-5719. 20 11p. 24 Dep. NTIS.

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26physics (nuclear); translations 27 20H

28MN-34 29P NSA

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AEC 4(ORNL-tr-2580) 5CLUSTER STRUCTURE OF LIGHT NUCLEI AND LONG-RANGE ALPHA PARTICLES. 6Abdinov, O. B.; Barashenkov, V. S. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated by F. Kertesz (Oak Ridge National Lab., Tenn.), from report 11JINR-P2-5939. 20 6p. 24Dep. NTIS. 1971

26physics (nuclear); translations 27 20H

28MN-34 29P NSA

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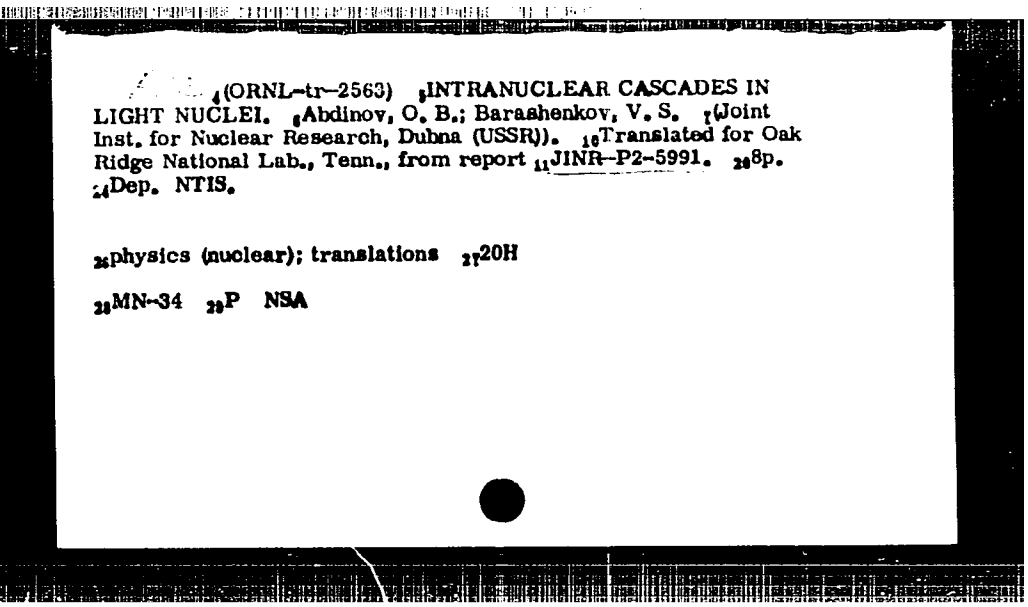

(ORNL-tr-2563) INTRANUCLEAR CASCADES IN LIGHT NUCLEI. Abdinov, O. B.; Barashenkov, V. S. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated for Oak Ridge National Lab., Tenn., from report JINR-P2-5991. 28p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

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AEC (ORNL-tr-2618) INELASTIC INTERACTION OF HIGH ENERGY HELIUM IONS WITH ATOMIC NUCLEI. Barashenkov, V. S.; Gudima, K. K.; Zheregi, F. G.; Il'inov, A. S.; Toneev, V. D. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated for Oak Ridge National Lab., Tenn., from report JINR-P2-6195. 16p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

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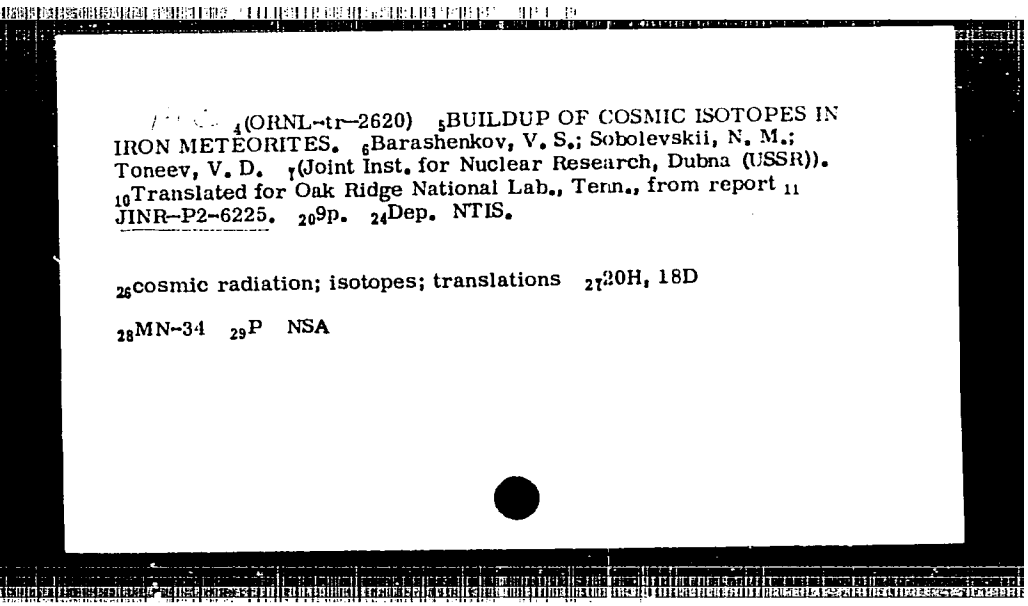

/ ... 4(ORNL-tr-2620) 5BUILDUP OF COSMIC ISOTOPES IN IRON METEORITES. 6Barashenkov, V. S.; Sobolevskii, N. M.; Toneev, V. D. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated for Oak Ridge National Lab., Tenn., from report 11 JINR-P2-6225. 20 9p. 24Dep. NTIS.

26cosmic radiation; isotopes; translations 27 20H, 18D

28MN-34 29P NSA

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On an Approximate Method of Calculation of Fast Ion and Nucleus Inter-Actions, by V. S. Barshenkov. RUSSIAN, rpt, JINR P2-6423, 1972
*AEC/ORNL-Tr-2652

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[4](BNL-tr-511) [5]INVESTIGATION OF THE RADIOACTIVE PROPERTIES OF NEON ISOTOPES WITH USE OF THE U-300 CYCLOTRON. [6]Kabachenko, A. P.; Kuznetsov, I. V.; Sivek-Nil'chenska, K.; Skakun, E. A.; Tarantin, N. I. [7](Joint Inst. for Nuclear Research, Dubna (USSR)). [10]Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report [11]JINR-P2-6537. [20]6p. [24]Dep. NTIS.

[26]physics (nuclear); translations [27]20H

[28]MN-34 [29]P NSA

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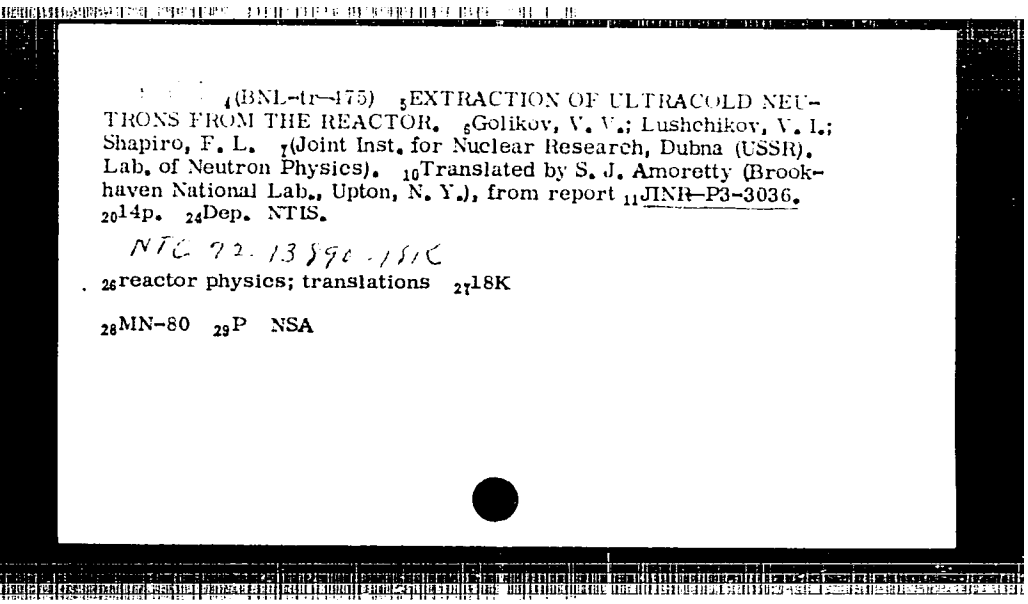

(BNL-tr-175) EXTRACTION OF ULTRACOLD NEUTRONS FROM THE REACTOR. Golikov, V. V.; Lushchikov, V. I.; Shapiro, F. L. (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Neutron Physics). Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report JINR-P3-3036. 14p. Dep. NTIS.

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reactor physics; translations 18K

MN-80 P NSA

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Neutron Resonances of Gadolinium Isotopes, by Ye. N. Karzhavina, Nguyen Nguyen Phong, 30 pp. RUSSIAN, rpt, JINR-P3-3882, 1968. AEC/WAPD/Tr-108-68

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$_{4}$(BNL-tr-443) $_{5}$RADIAL VARIATIONS OF THE CHARGE DENSITIES AND DIRECT ANALYSIS OF ELASTIC SCATTERING OF ELECTRONS BY NUCLEI. $_{6}$Pol, Yu. S. $_{7}$ (Joint Inst. for Nuclear Research, Dubna (USSR)). $_{10}$Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report $_{11}$JINR-P3-3936. $_{20}$18p. $_{24}$Dep. NTIS.

$_{26}$physics (nuclear); translations $_{27}$20H

$_{28}$MN-34 $_{29}$P NSA

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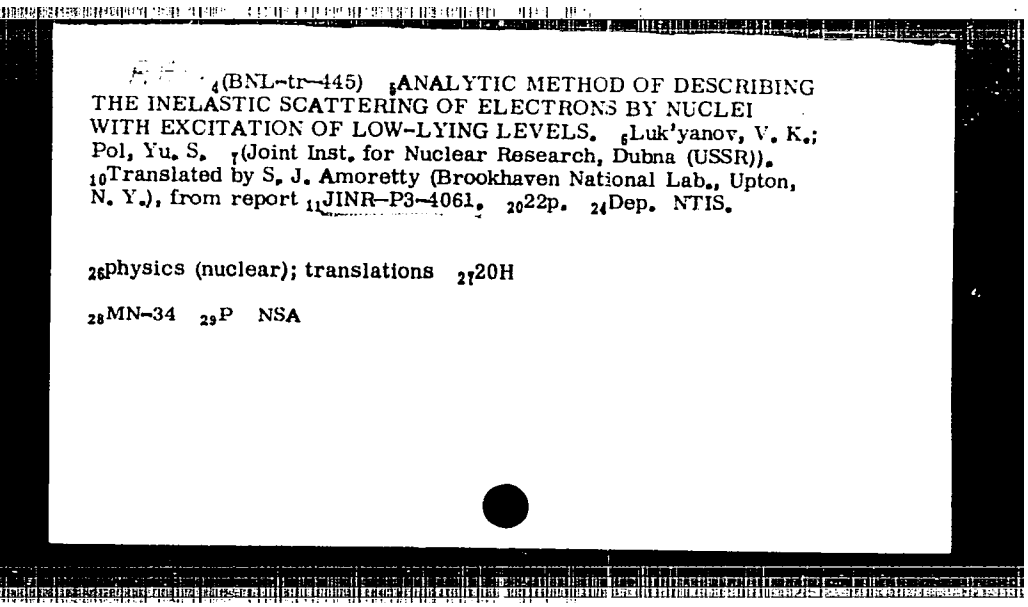

4(BNL-tr-445) 5ANALYTIC METHOD OF DESCRIBING THE INELASTIC SCATTERING OF ELECTRONS BY NUCLEI WITH EXCITATION OF LOW-LYING LEVELS. 6Luk'yanov, V. K.; Pol, Yu. S. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report 11JINR-P3-4061. 20 22p. 24Dep. NTIS.

26physics (nuclear); translations 27 20H

28MN-34 29P NSA

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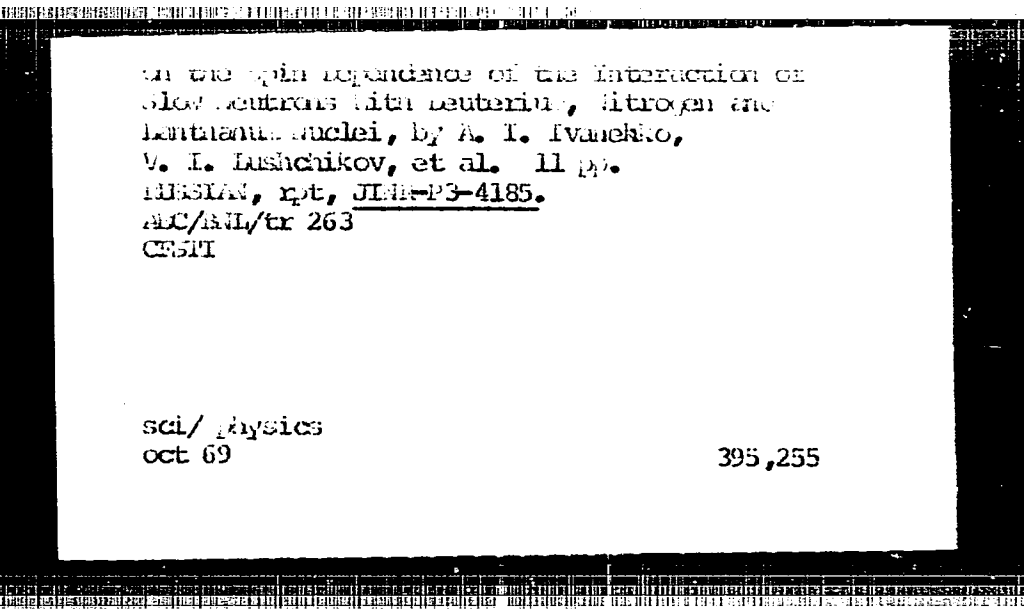

On the spin dependence of the interaction of slow neutrons with deuterium, nitrogen and lanthanum nuclei, by A. I. Ivanenko, V. I. Lushchikov, et al. 11 p.
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[4](KFK-tr-308) [5]STATISTICAL ANALYSIS OF THE SPIN DEPENDENCE OF THE NEUTRON STRENGTH FUNCTION OF THE NUCLEUS. [6]Maletski, Kh.; Pikel'ner, L. B.; Salamatin, I. M.; Sharapov, E. I. [7](Joint Inst. for Nuclear Research, Dubna (USSR)). [10]Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.), from report [11]JINR-P3-4484. [20]25p. [22](In German). [24]Dep. CFSTI (U. S. Sales Only).

[26]physics (nuclear); translations [27]20H

[28]MN-34 [29]NP NSA

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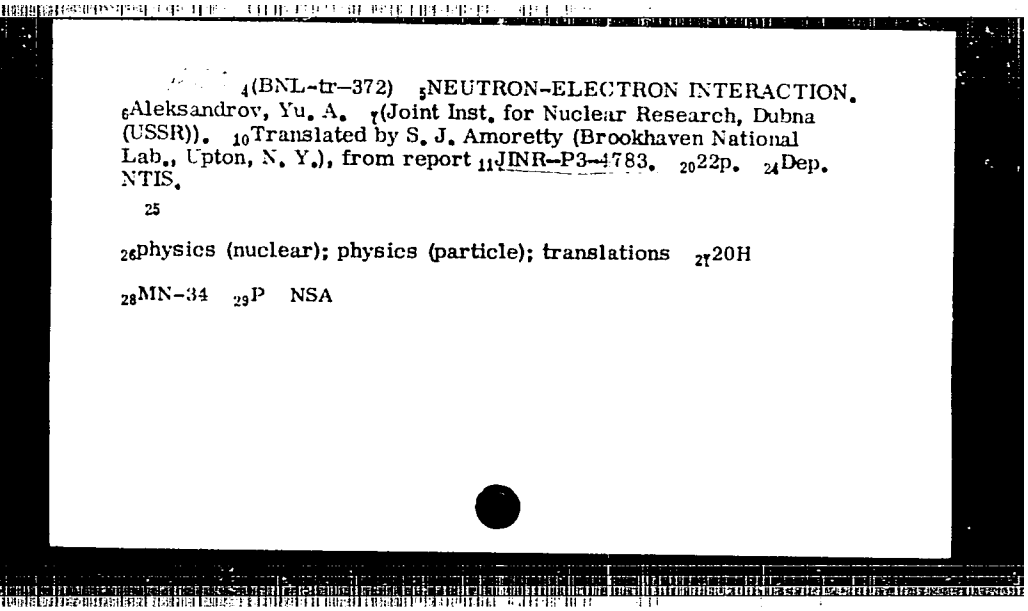

4(BNL-tr-372) 5NEUTRON-ELECTRON INTERACTION. 6Aleksandrov, Yu. A. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report 11JINR-P3-4783. 2022p. 24Dep. NTIS.

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26physics (nuclear); physics (particle); translations 27H20

28MN-34 29P NSA

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4(LB/G-3039) 5CALCULATIONS OF ENERGY SPECTRA OF FISSION FRAGMENTS AND VALUES OF anti nu FOR TARGETS OF DIFFERENT THICKNESS. 6Dermendzhiev, E.; Panteleev, Ts. 7(Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Neutron Physics). 810Translated by J. B. Barbour (Atomic Energy Research Establishment, Harwell, Eng.), from report 11JINR-P3-5081. 1211 2014p. 24Dep. NTIS (U. S. Sales Only).

26physics (nuclear); translations 2120H

28MN-34 29NP NSA

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AEC- [4](LB/G-2876) [5]MEASUREMENT OF THE RATIO alpha OF RADIATIVE-CAPTURE AND FISSION CROSS-SECTIONS FOR ^{239}Pu IN THE ENERGY RANGE OF NEUTRONS 0.1-30 keV. [6]Kononov, V. N.; Kurov, M. A.; Poletaev, E. D.; Prokopets, Yu. S.; Ryabov, Yu. V.; So Don Sik; Stavisskii, Yu. Ya.; Chikov, N. [7](Joint Inst. for Nuclear Research, Dubna (USSR)). [810]Transated by J. B. Sykes (Atomic Energy Research Establishment, Harwell, Eng.), from report [11]JINR-P3-5112. [20]11p. [24]Dep. NTIS (U. S. Sales Only).

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[26]physics (nuclear); reactor physics; translations [27]20H, 18K

[28]MN-80 [29]NP NSA

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[illegible] 4(LB/G-3040) 5THE TECHNIQUE OF average nu MEASUREMENT WITH THE NEUTRON TIME-OF-FLIGHT SPECTROMETER. 6Ryabov, Yu. V.; Chikov, N. 7(Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Neutron Physics). 10Translated by W. G. Stripp (Atomic Energy Research Establishment, Harwell, Eng.), from report 11JINR-P3-5119. 2016p. 24Dep. NTIS (U. S. Sales Only).

26instrumentation; physics (nuclear); translations 27:20H

28MN-34 29NP NSA REVISED CARD

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$_{4}$(BNL-tr-401) $_{5}$RELATIVE MEASUREMENTS OF anti nu IN THE ^{235}U AND ^{239}Pu FISSION INDUCED BY RESONANCE NEUTRONS. $_{6}$Ryabov, Yu. V.; Sik, So Don; Chikov, N.; Yaneva, N. $_{7}$(Joint Inst. for Nuclear Research, Dubna (USSR)). $_{10}$Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report $_{11}$JINR-P3-5297. $_{20}$21p. $_{24}$Dep. NTIS.

$_{25}$

$_{26}$physics (nuclear); translations $_{27}$20H

$_{28}$MN-34 $_{29}$P NSA

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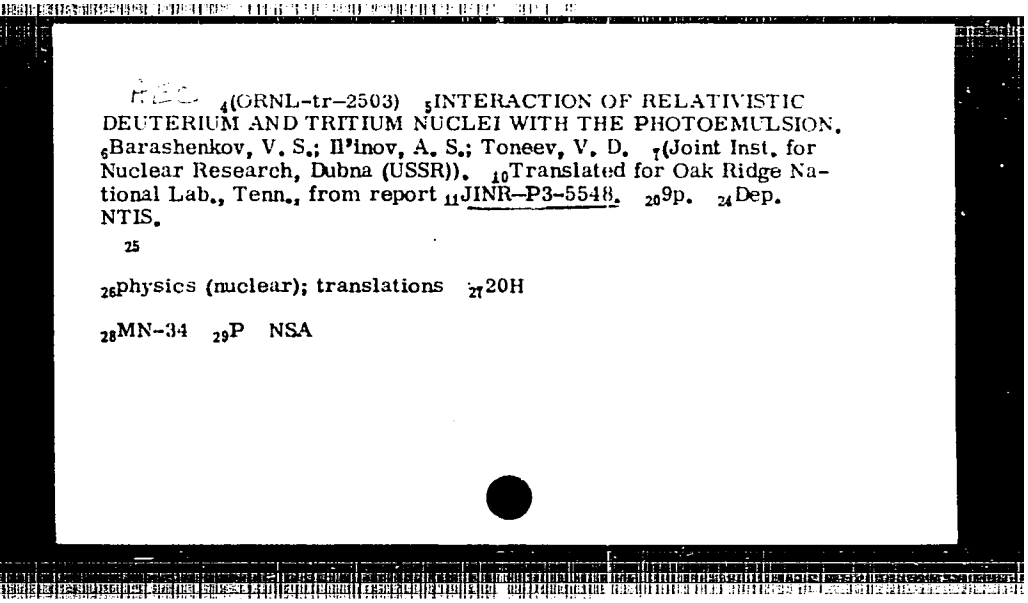

4(ORNL-tr-2503) 5INTERACTION OF RELATIVISTIC DEUTERIUM AND TRITIUM NUCLEI WITH THE PHOTOEMULSION. 6Barashenkov, V. S.; Il'inov, A. S.; Toneev, V. D. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated for Oak Ridge National Lab., Tenn., from report 11JINR-P3-5548. 20 9p. 24Dep. NTIS.

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26Physics (nuclear); translations 27 20H

28MN-34 29P NSA

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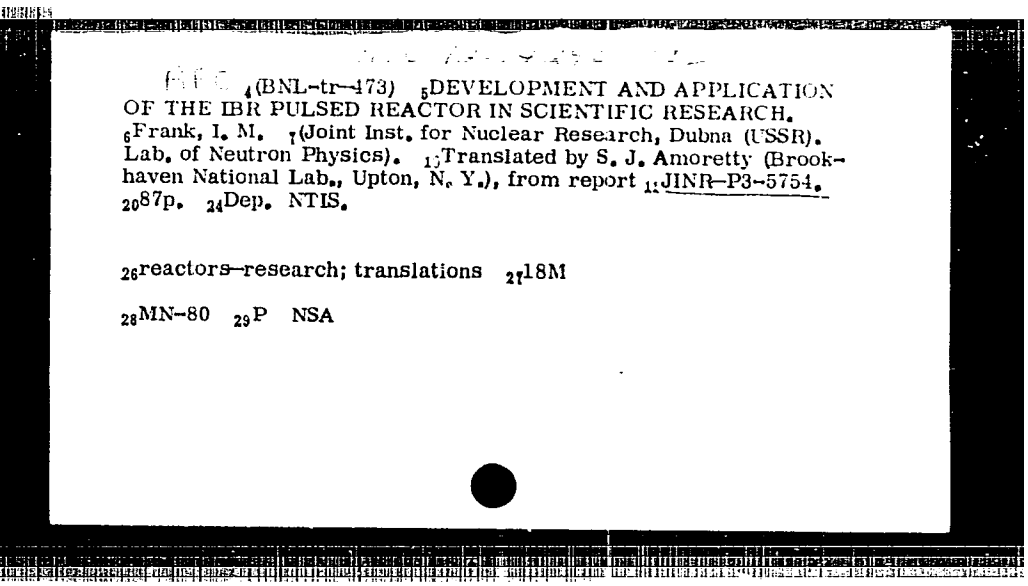

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MN-80 P NSA

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(BNL-tr-604) DETERMINATION OF THE DIFFUSENESS OF THE NUCLEAR SURFACE IN THE INTRANUCLEAR CASCADE MODEL. Barashenkov, V. S.; Gudima, K. K.; Gereghi, F. G.; Toneev, V. D. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report JINR-P3-6053. 207p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

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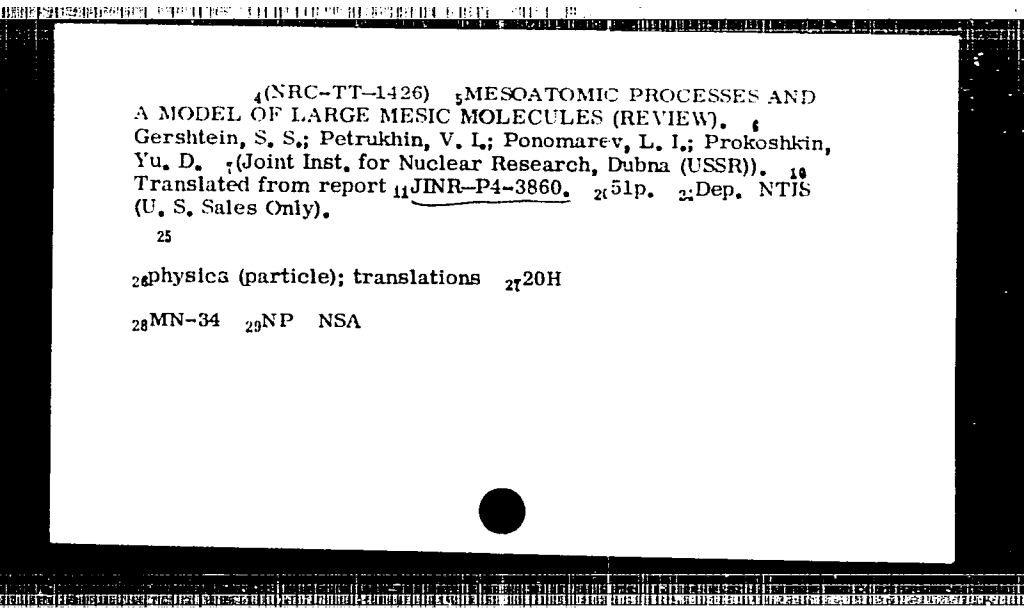

4(NRC-TT-1426) 5MESOATOMIC PROCESSES AND A MODEL OF LARGE MESIC MOLECULES (REVIEW). 6 Gershtein, S. S.; Petrukhin, V. I.; Ponomarev, L. I.; Prokoshkin, Yu. D. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10 Translated from report 11JINR-P4-3860. 20 51p. 21 Dep. NTIS (U. S. Sales Only).

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26physics (particle); translations 27 20H

28MN-34 29NP NSA

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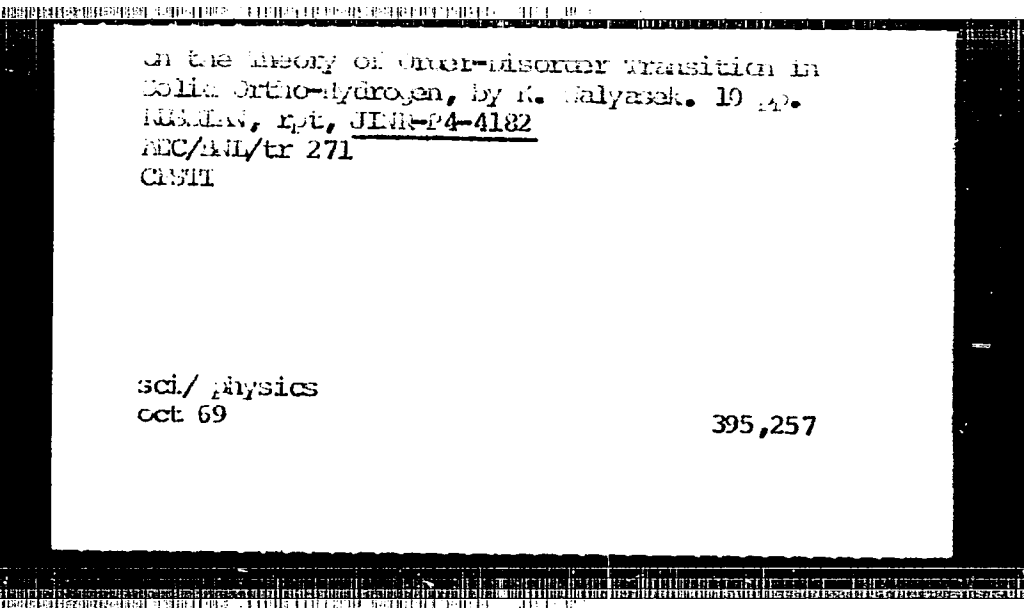

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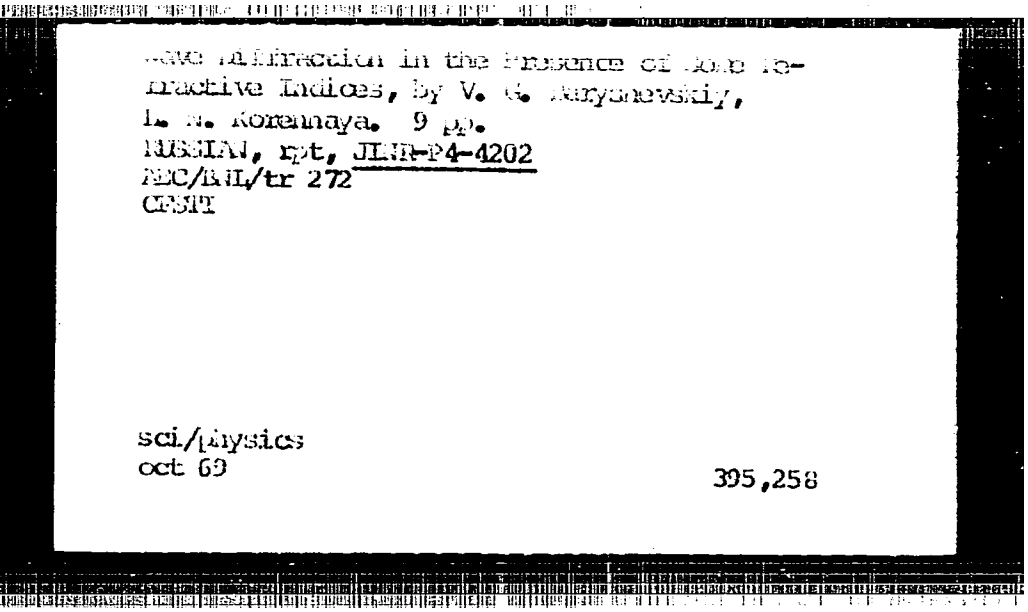

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AEC (KFK-tr-313) EQUILIBRIUM DEFORMATION OF NUCLEII WITH NEUTRON EXCESS IN THE REGION A approximately 100. Arsen'ev, D. A.; Sobiczewski, A.; Solov'ev, V. G. (Akademiya Nauk SSSR, Moscow. Radiotekhnicheskii Institut). Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, W. Ger.), from report JINR-P4-1660. 18p. (In German). Dep. CFSTI (U. S. Sales Only).

25

physics (nuclear); translations 20H

MN-34 NP NSA

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Nucleon-Nucleon Interaction and the Average Nuclear Field, by V. V. Babikov, 23 pp. RUSSIAN, Preprint, Joint Institute Nuclear Research, P4-4877.
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Neutron-Electron Interaction, by Yu. A. Aleksandrov,
17 pp.
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Theory of the Nuclear Spin-Lattice Relaxation in Solid Ortho-Hydrogen, by K. Valyasek, A. L. Kuzemskii, 12 pp.
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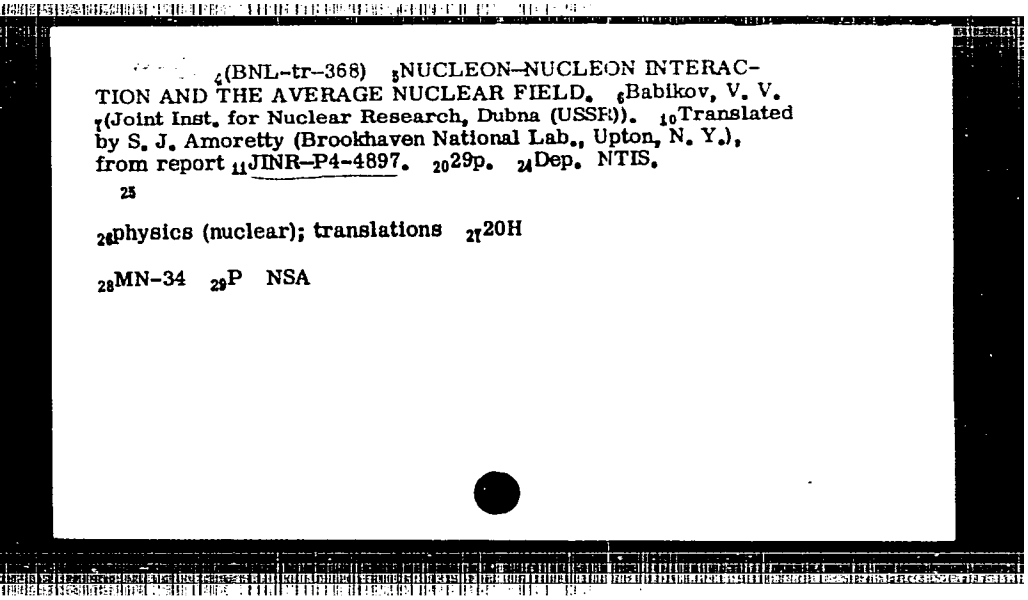

[4](BNL-tr-368) [5]NUCLEON-NUCLEON INTERACTION AND THE AVERAGE NUCLEAR FIELD. [6]Babikov, V. V. [7](Joint Inst. for Nuclear Research, Dubna (USSR)). [10]Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report [11]JINR-P4-4897. [20]29p. [24]Dep. NTIS.

[25]

[26]physics (nuclear); translations [27]20H

[28]MN-34 [29]P NSA

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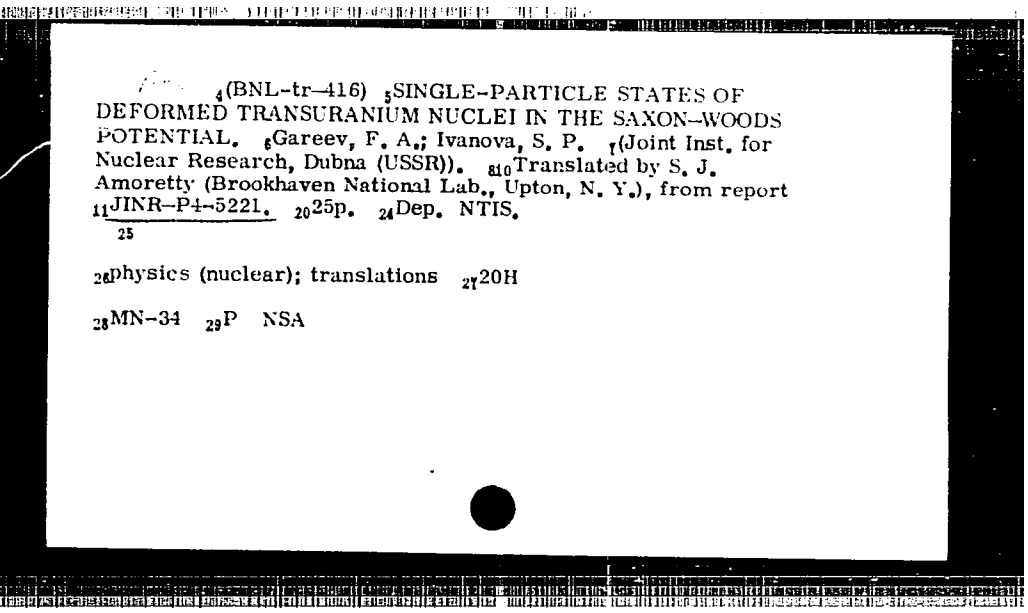

4(BNL-tr-416) 5SINGLE-PARTICLE STATES OF DEFORMED TRANSURANIUM NUCLEI IN THE SAXON-WOODS POTENTIAL. 6Gareev, F. A.; Ivanova, S. P. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 8,10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report 11JINR-P4-5221. 2025p. 24Dep. NTIS.

26physics (nuclear); translations 27,20H

28MN-34 29P NSA

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(UCRL-Trans-10583) MONOPOLE (J/sup pi/ equals 0^+) EXCITATIONS IN EVEN-EVEN DEFORMED NUCLEI. Pyatov, N. I. (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Theoretical Physics). Translated for Univ. of California, Lawrence Livermore Lab., Livermore, from report JINR-P4-5422. 33p. (CONF-700635-1). Dep. NTIS.
From 2. symposium on the problems of nuclear physics; Novosibirsk, USSR (12 Jun 1970).

physics (nuclear); translations 20H

MN-34 P NSA

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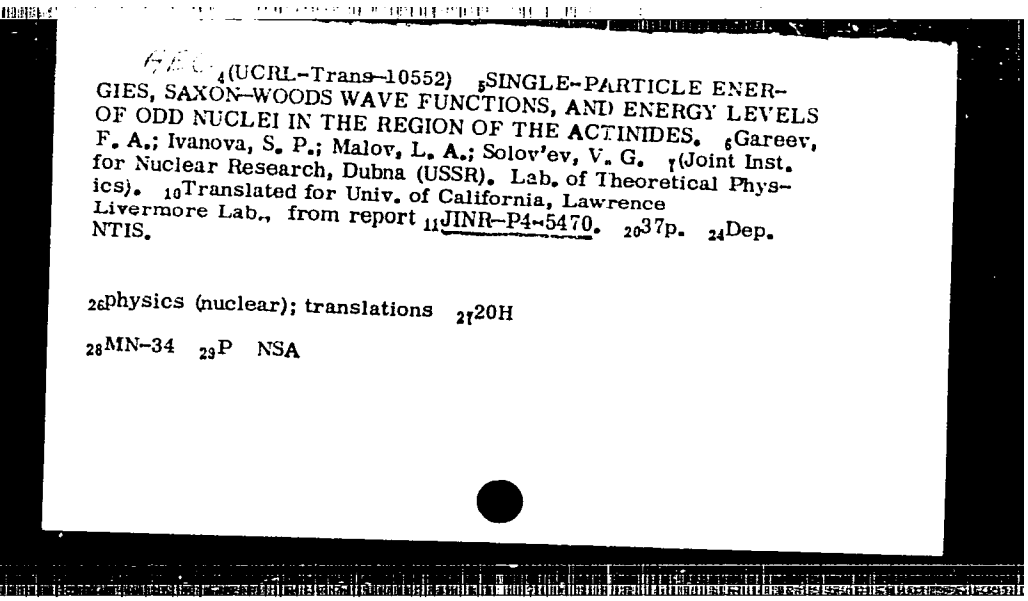

4(UCRL-Trans-10552) 5SINGLE-PARTICLE ENERGIES, SAXON-WOODS WAVE FUNCTIONS, AND ENERGY LEVELS OF ODD NUCLEI IN THE REGION OF THE ACTINIDES. 6Gareev, F. A.; Ivanova, S. P.; Malov, L. A.; Solov'ev, V. G. 7(Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Theoretical Physics). 10Translated for Univ. of California, Lawrence Livermore Lab., from report 11JINR-P4-5470. 2037p. 24Dep. NTIS.

26Physics (nuclear); translations 2720H

28MN-34 29P NSA

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(ANL-Trans-878) ON THE ASYMMETRIC DEFORMATION OF FISSIONING NUCLEI. Pashkevich, V. V. (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Theoretical Physics). Translated for Argonne National Lab., Ill., from report JINR-P4-5581. 1971 25p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

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AEC (BNL-tr-417) ON THE CORRELATION BETWEEN THE REDUCED NEUTRON WIDTHS AND PARTIAL RADIATION WIDTHS IN RESONANCES. Solov'ev, V. G. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report JINR-P4-5583. 10p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

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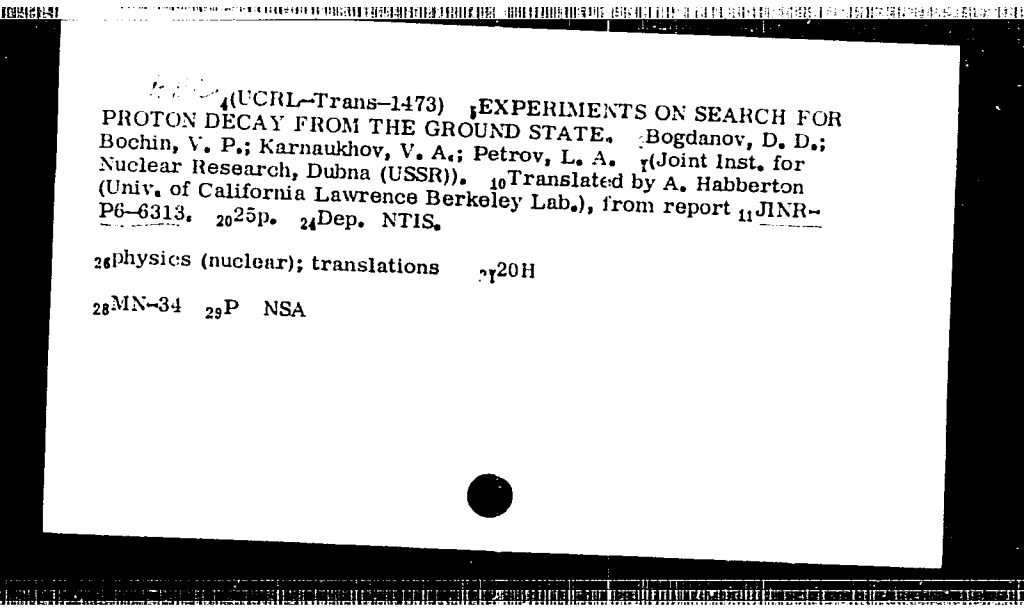

4(UCRL-Trans-1473) 5EXPERIMENTS ON SEARCH FOR PROTON DECAY FROM THE GROUND STATE. 6Bogdanov, D. D.; Bochin, V. P.; Karnaukhov, V. A.; Petrov, L. A. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated by A. Habberton (Univ. of California Lawrence Berkeley Lab.), from report 11JINR-P6-6313. 2025p. 24Dep. NTIS.

26physics (nuclear); translations 27I20H

28MN-34 29P NSA

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al., 10 pp.
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AEC 4(KFK-tr-309) 5ALPHA DECAY OF HEAVY NUCLEI. 6Muzychika, Yu. A. 7(Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Nuclear Reactions). 10Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.), from report 11JINR-P7-4435. 2014p. 22(In German). 24Dep. CFSTI (U. S. Sales Only).

26Physics (nuclear); translations 27 20H

28MN-34 29NP NSA

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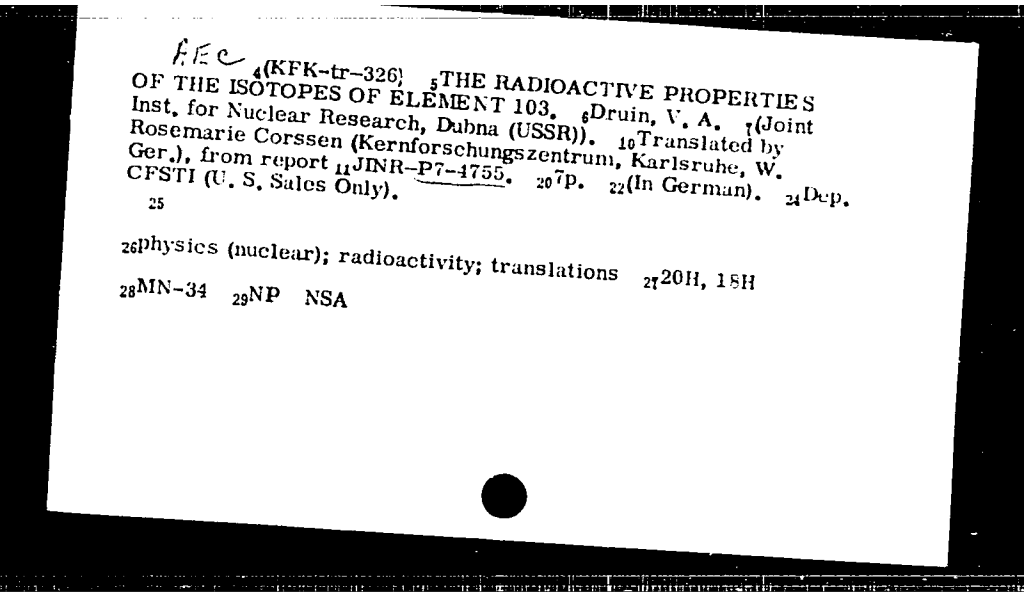

AEC

4(KFK-tr-326) 5THE RADIOACTIVE PROPERTIES OF THE ISOTOPES OF ELEMENT 103. 6Druin, V. A. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, W. Ger.), from report 11JINR-P7-4755. 20 7p. 22(In German). 24Dep. CFSTI (U. S. Sales Only).
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26physics (nuclear); radioactivity; translations 27 20H, 18H

28MN-34 29NP NSA

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AEC (KFK-tr-327) ROLE OF THE alpha-RADIOACTIVE BACKGROUND IN THE INVESTIGATION OF THE DECAY OF ELEMENT 104. Akap'ev, G. N.; Druin, V. A.; Rud', V. I.; Sun-Tszin-Yan, G. Ya. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated by Rosemarine Corssen (Kernforschungszentrum, Karlsruhe, W. Ger.), from report JINR-P7-4772. 9p. (In German). Dep. CFSTI (U. S. Sales Only).

physics (nuclear); translations 20H

MN-34 NP NSA

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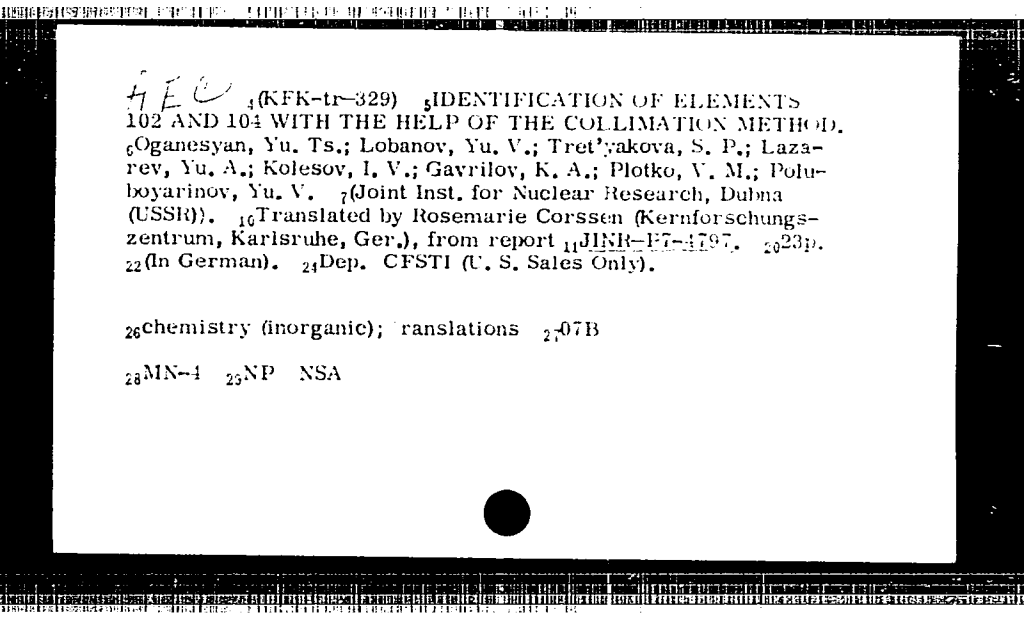

4 E C [4](KFK-tr-329) [5]IDENTIFICATION OF ELEMENTS 102 AND 104 WITH THE HELP OF THE COLLIMATION METHOD. [6]Oganesyan, Yu. Ts.; Lobanov, Yu. V.; Tret'yakova, S. P.; Lazarev, Yu. A.; Kolesov, I. V.; Gavrilov, K. A.; Plotko, V. M.; Poluboyarinov, Yu. V. [7](Joint Inst. for Nuclear Research, Dubna (USSR)). [16]Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.), from report [11]JINR-P7-4797. [20]23p. [22](In German). [24]Dep. CFSTI (U. S. Sales Only).

[26]chemistry (inorganic); ranslations [27]07B

[28]MN-4 [25]NP NSA

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Uncl (KFK-tr-343) SPONTAEOUS FISSION OF ISOTOPES OF ELEMENTS 103 AND 105. Flerov, G. N.; Oganesyan, Yu. Ts.; Lobanov, Yu. V.; Lazarev, Yu. A.; Tret'yakova, S. P. (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Nuclear Reactions). Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.) from report JINR-P7-4932. 8p.

physics; translations

ND-34 NP RC

Unlimited

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Uncl (KFK-tr-348) SEARCH FOR SPONTANEOUS FISSIONING ISOMERS WITH HALF LIVES IN NANOSECOND RANGE IN REACTION WITH HEAVY IONS. Flerov, G. N.; Gangrskii, Yu. P.; Markov, B. N.;(and others) (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Nuclear Reactions). Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.) from report JINR-P7-5018. 11p.

physics (nuclear); translations

ND-34 NP RC

Unlimited

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(KFK-tr-350) INVESTIGATION OF THE alpha DECAY OF ISOTOPES OF ELEMENT 105. Druin, V. A.; Demin, A. G.; Kharitonov, Yu. P.; Akap'ev, G. N.; Rud', V. I.; Sun-Tszin-Yan, G. Ya.; Chelnokov, L. P.; Gavrilov, K. A. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.), from report JINR-P7-5161, 20 11p. (In German). Dep. NTIS (U. S. Sales Only).

physics (nuclear); translations 20H

MN-34 NP NSA

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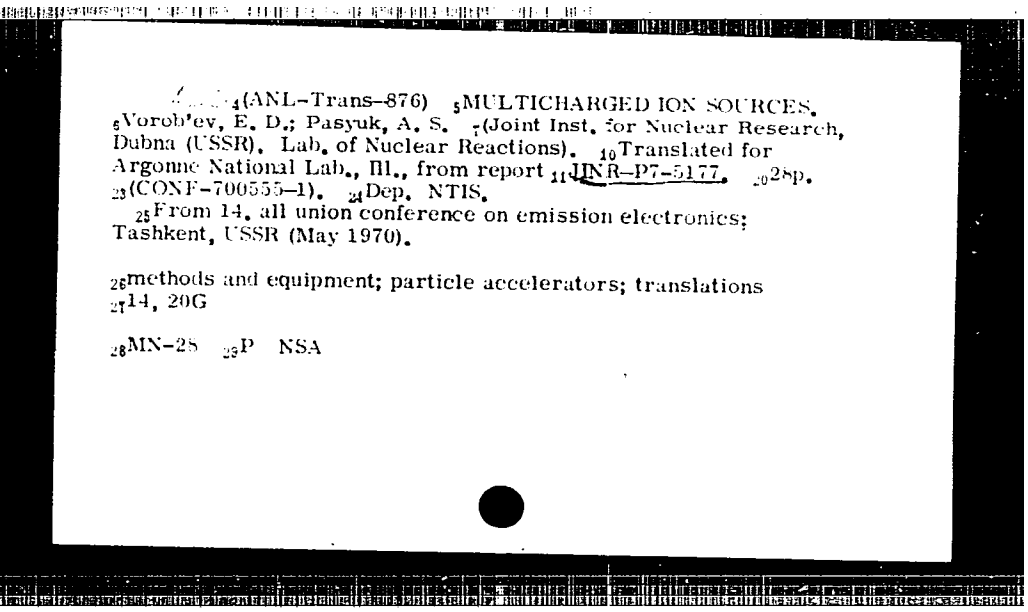

[4](ANL-Trans-876) [5]MULTICHARGED ION SOURCES. [6]Vorob'ev, E. D.; Pasyuk, A. S. [7](Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Nuclear Reactions). [10]Translated for Argonne National Lab., Ill., from report [11]JINR-P7-5177. [20]28p. [23](CONF-700555-1). [24]Dep. NTIS.
[25]From 14. all union conference on emission electronics; Tashkent, USSR (May 1970).

[26]methods and equipment; particle accelerators; translations
[27]14, 20G

[28]MN-25 [29]P NSA

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[4](KFK-tr-352) [5]EMISSIONS OF [6]He THROUGH NUCLEAR FISSION BY HEAVY IONS. [8]Pulativ, D. D.; Polikanov, S. M. [7](Joint Inst. for Nuclear Research, Dubna (USSR)). [10]Translated by Rosemarie Corssen (Kernforschungszentrum, Karlsruhe, Ger.), from report [11]JINR-P7-5192, [20]12p. [22](In German). [24]Dep. NTIS (U. S. Sales Only).

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[26]physics (nuclear); translations [27]20H

[28]MN-34 [29]NP NSA

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(NP-tr-1936) DELAYED FISSION OF SOME NEUTRON-DEFICIENT ATOMIC NUCLEI. Skobelev, N. K. (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Nuclear Reactions). Translation of report JINR-P7-5584. 8p.

physics (nuclear); translations 20H

MN-34 NP NSA

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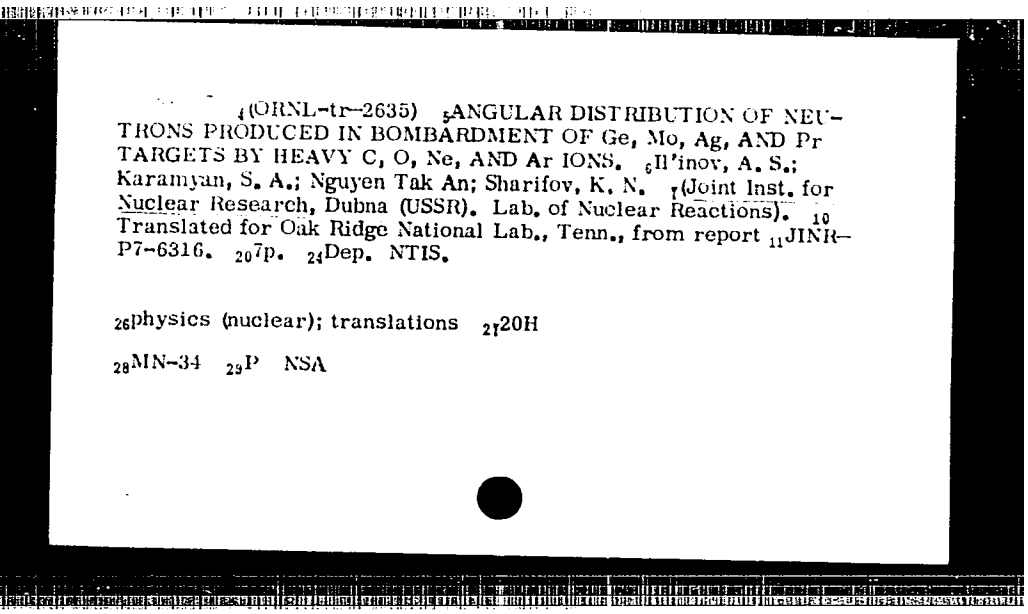

(ORNL-tr-2635) ANGULAR DISTRIBUTION OF NEUTRONS PRODUCED IN BOMBARDMENT OF Ge, Mo, Ag, AND Pr TARGETS BY HEAVY C, O, Ne, AND Ar IONS. Il'inov, A. S.; Karamyan, S. A.; Nguyen Tak An; Sharifov, K. N. (Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Nuclear Reactions). Translated for Oak Ridge National Lab., Tenn., from report JINR-P7-6316. 207p. Dep. NTIS.

physics (nuclear); translations 20H

MN-34 P NSA

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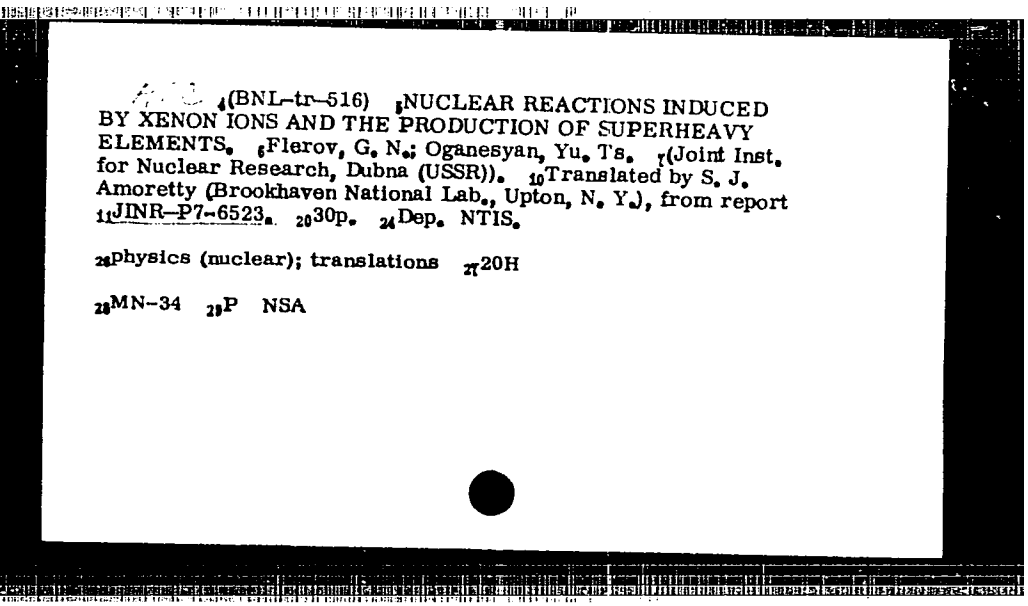

4(BNL-tr-516) 5NUCLEAR REACTIONS INDUCED BY XENON IONS AND THE PRODUCTION OF SUPERHEAVY ELEMENTS. 6Flerov, G. N.; Oganesyan, Yu. Ts. 7(Joint Inst. for Nuclear Research, Dubna (USSR)). 10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from report 11JINR-P7-6523. 20 30p. 24Dep. NTIS.

26physics (nuclear); translations 27 20H

28MN-34 29P NSA

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Electrostatic Channel with Periodic Focusing,
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RUSSIAN, per, JINR-P9-3024-1
AEC ANL-Tr-459

Sci - Elec
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RUSSIAN,per, JINR-P-9-3181
AEC ANL-Tr-477

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Influence of Shielding on the Negative-Mass Effect, by I. N. Ivanov, 17 pp.
RUSSIAN, preprint, JINR-P9-3476-2, Aug. 1967.
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AEC/UCRL/Tr-1390-69

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Focusing of a Charged Electron Ring in the
Collective Ion Linear Accelerator, by
A. G. Bonch-Osmolovskiy. 10 pp.
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Sci-Phys
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Stability of an Electron-Ion Ring, by
A. G. Bonch-Osmolovskiy, I. N. Ivanov, et al,
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RUSSIAN, rpt, JINR-P9-4138, Nov 1968.
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physics (particle); translations 20H

MN-34 P NSA

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physics (particle); translations

ND-34 NP RC

Unlimited

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[26]particle accelerators; translations [27]20G

[28]MN-28 [29]P NSA

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(UCRL-Trans-1442) RELATIVISTIC SOLITONS AND NONLINEAR WAVES AS BUNCHES FOR COHERENT ACCELERATION. Tsytovich, V. N. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated for Univ. of California Lawrence Radiation Lab., Berkeley, from report JINR-P9-5090. 14p. Dep. NTIS.

particles accelerators; translations 20G

MN-28 P NSA

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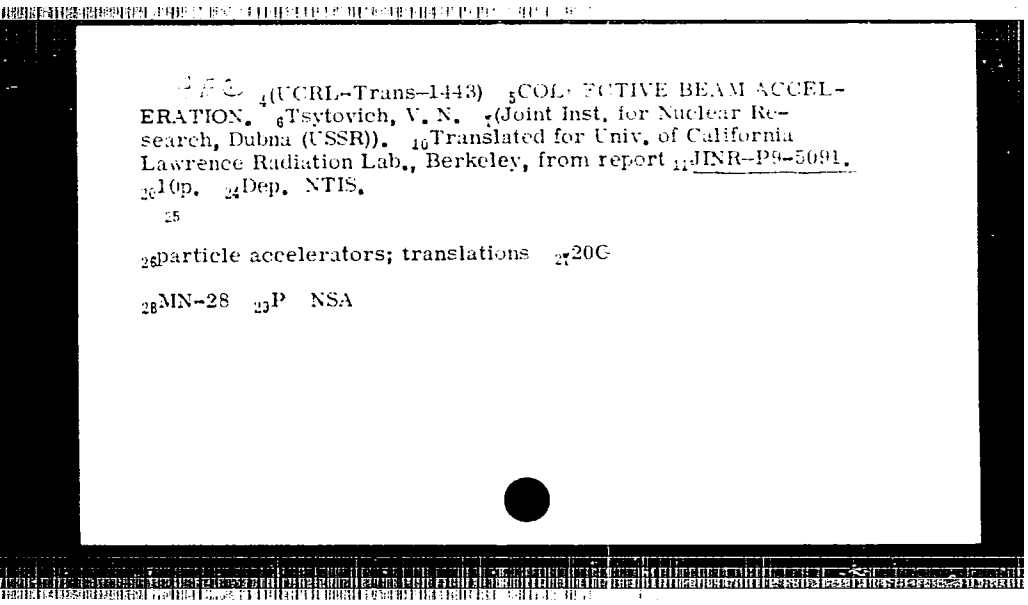

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26particle accelerators; translations 27[illegible]

28MN-28 29P NSA

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particle accelerators; translations 20G

MN-28 P NSA

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(UCRL-Trans-1441) ON THE QUESTION OF DECELERATION OF A RELATIVISTIC CHARGE DURING ITS TRANSIT PAST AN IDEALLY CONDUCTING OBSTACLE. Kuznetsov, A. B.; Rubin, S. V. (Joint Inst. for Nuclear Research, Dubna (USSR)). Translated by G. Brodell (Univ. of California, Lawrence Radiation Lab., Berkeley), from report JINR-P9-5247. 19p. Dep. NTIS.

particle accelerators; translations 20G

MN-28 P NSA

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[26]physics (particle); translations [27]20H

[28]MN-34 [29]P NSA

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particle accelerators; translations 20G

MN-25 P NSA

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[26]particle accelerators; translations [21]20G

[28]MN-28 [29]P NSA

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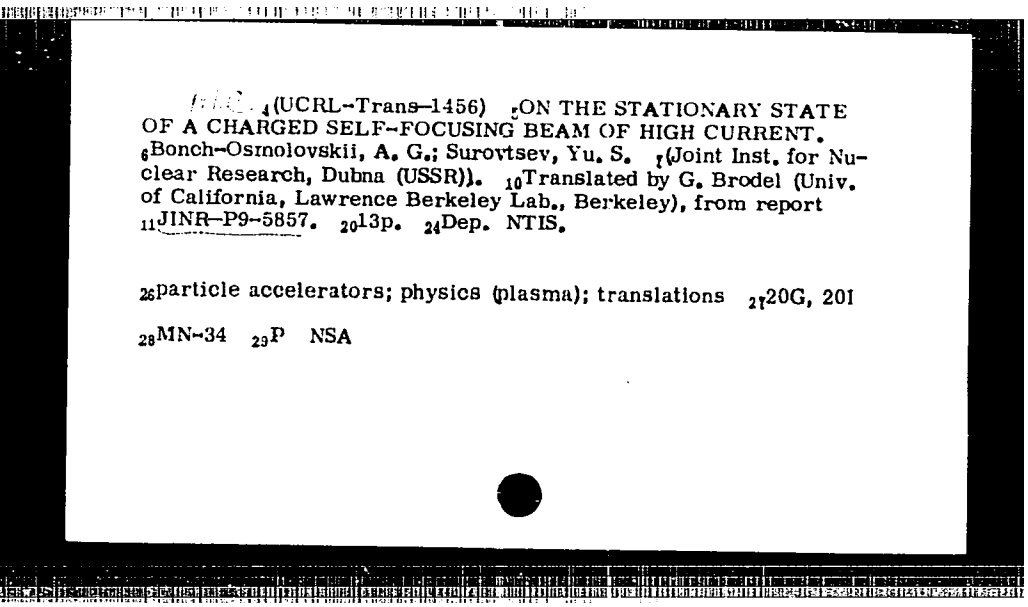

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26particle accelerators; physics (plasma); translations 27(20G, 201

28MN-34 29P NSA

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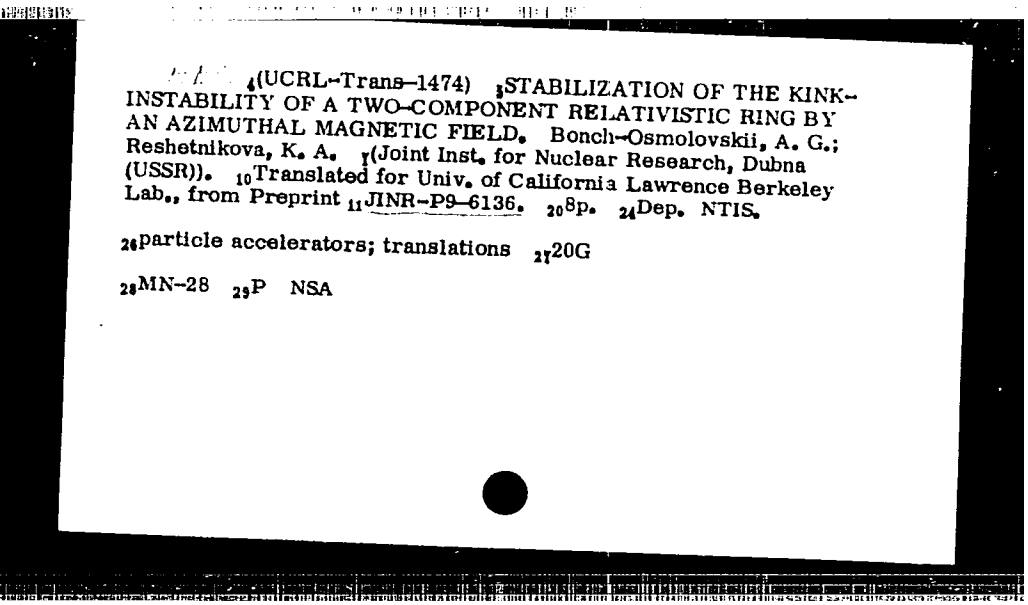

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26particle accelerators; translations 27G

28MN-28 29P NSA

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